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AMC

(FILE 'HOME' ENTERED AT 18:42:42 ON 30 NOV 2006)

FILE 'REGISTRY' ENTERED AT 18:43:37 ON 30 NOV 2006
E "CHOLESTEROL SULFATE"/CN 25

L1 1 S E3

FILE 'REGISTRY' ENTERED AT 18:44:16 ON 30 NOV 2006

L2 STR 1256-86-6

L3 33 S L2 FAM FUL

FILE 'CAPLUS' ENTERED AT 18:44:37 ON 30 NOV 2006

L4 750 S L3

L5 112 S L4 AND AD<20010131 AND PATENT/DT

L6 507 S L4 AND PY<=2001 AND NONPATENT/DT

L7 619 S L5 OR L6

L8 243 S L7 AND (SKIN OR TOPICAL? OR COSMET? OR DERMA? OR EPIDERM?)

L9 170 S L8 AND (SKIN OR TOPICAL? OR COSMET? OR DERMA? OR EPIDERM?)/AB

L10 0 S L9 AND EXFOLIA?

FILE 'REGISTRY' ENTERED AT 18:47:56 ON 30 NOV 2006

E "CHOLESTEROL SULFATE"/CN 25

L11 1 S E5

L12 1 S L11 EXA SAM

FILE 'CAPLUS' ENTERED AT 18:49:09 ON 30 NOV 2006

S 6614-96-6/REG#

FILE 'REGISTRY' ENTERED AT 18:49:09 ON 30 NOV 2006

L13 1 S 6614-96-6/RN

FILE 'CAPLUS' ENTERED AT 18:49:10 ON 30 NOV 2006

L14 20 S L13

L15 6 S L14 AND AD<20010131 AND PATENT/DT

L16 11 S L14 AND PY<=2001 AND NONPATENT/DT

L17 17 S L15 OR L16

FILE 'REGISTRY' ENTERED AT 18:52:09 ON 30 NOV 2006

E "GLUCOSAMINE, N-ACETYL"/CN 25

E "ACETYLGLUCOSAMINE"/CN 25

L18 1 S E3

L19 1 S L18 EXA SAM

E "ACETYLGLUCOSAMINE"/CN 25

E "ACETYL GALACTOSAMINE"/CN 25

E "GALACTOSAMINE"/CN 25

L20 1 S E9

L21 1 S L20 EXA SAM

FILE 'CAPLUS' ENTERED AT 18:54:35 ON 30 NOV 2006

S L8 AND (1811-31-0/REG# OR 7512-17-6/REG#)

FILE 'REGISTRY' ENTERED AT 18:55:15 ON 30 NOV 2006

L22 1 S 7512-17-6/RN

FILE 'CAPLUS' ENTERED AT 18:55:15 ON 30 NOV 2006

L23 6394 S L22

FILE 'REGISTRY' ENTERED AT 18:55:16 ON 30 NOV 2006

L24 1 S 1811-31-0/RN

FILE 'CAPLUS' ENTERED AT 18:55:16 ON 30 NOV 2006

L25 2904 S L24

L26 0 S L8 AND (L25 OR L23)

L27 161 S L9 AND (CERAMIDE OR CHOLESTEROL)
 L28 112 S L9 AND (CERAMIDE OR CHOLESTEROL)/AB

 FILE 'CAPLUS' ENTERED AT 19:11:08 ON 30 NOV 2006
 S 1811-31-0/REG# OR 7512-17-6/REG#

 FILE 'REGISTRY' ENTERED AT 19:11:08 ON 30 NOV 2006
 L29 1 S 7512-17-6/RN

 FILE 'CAPLUS' ENTERED AT 19:11:09 ON 30 NOV 2006
 L30 6394 S L29

 FILE 'REGISTRY' ENTERED AT 19:11:09 ON 30 NOV 2006
 L31 1 S 1811-31-0/RN

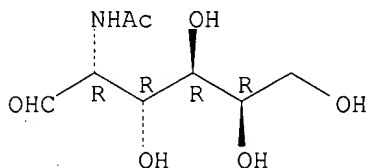
 FILE 'CAPLUS' ENTERED AT 19:11:10 ON 30 NOV 2006
 L32 2904 S L31
 L33 7731 S L32 OR L30
 L34 587 S L33 AND AD<20010131 AND PATENT/DT
 L35 5599 S L33 AND PY<=2001 AND NONPATENT/DT
 L36 6186 S L34 OR L35
 L37 248 S L36 AND (SKIN OR DERMA? OR COSMET? OR TOPICAL? OR EPIDERM?)
 L38 198 S L37 AND (SKIN OR DERMA? OR COSMET? OR TOPICAL? OR EPIDERM?)/A
 L39 53 S L38 AND (TOPICAL? OR COSMET?)
 L40 16 S L39 AND (AMINO OR SUGAR)/AB

 FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 19:18:27 ON 30 NOV 2006
 L41 453 S ((MAES, D?) OR (MAES D?) OR (ZECCHINO, J?) OR (ZECCHINO J?))/A
 L42 114 S L41 AND (SKIN OR TOPICAL? OR COSMET? OR DERMA? OR EPIDERM?)
 L43 6 S L42 AND CHOLESTEROL
 L44 6 DUP REM L43 (0 DUPLICATES REMOVED)
 L45 3 S L42 AND (AMINO OR SUGAR)
 L46 3 DUP REM L45 (0 DUPLICATES REMOVED)

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L21 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 1811-31-0 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN D-Galactose, 2-(acetylamino)-2-deoxy- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN **Galactosamine, N-acetyl-, D- (6CI)**
 CN Galactose, 2-acetamido-2-deoxy-, D- (8CI)
 OTHER NAMES:
 CN 2-(Acetylamino)-2-deoxy-D-galactose
 CN 2-Acetamido-2-deoxy-D-galactose
 CN 2-Deoxy-2-acetamido-D-galactose
 CN 2-N-Acetyl-D-galactosamine
 CN 36: PN: US20060183155 PAGE: 8 claimed sequence
 CN D-N-Acetylgalactosamine
 CN GalNAc
 CN N-Acetyl-2-amino-2-deoxy-D-galactose
 CN N-Acetyl-2-amino-2-deoxygalactose
 CN N-Acetyl-D-galactosamine
 CN N-Acetylchondrosamine
 CN N-Acetylgalactosamine
 FS STEREOSEARCH
 DR 3398-89-8
 MF C8 H15 N O6
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS,
 CASREACT, CHEMCATS, CHEMLIST, CIN, CSCHEM, IFICDB, IFIPAT, IFIUDB, IPA,
 PROMT, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**
 (**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.

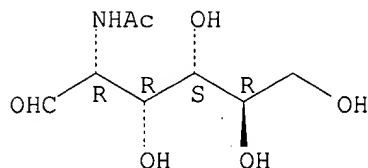


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2900 REFERENCES IN FILE CA (1907 TO DATE)
 244 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 2904 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 40 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L19 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 7512-17-6 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN D-Glucose, 2-(acetylamino)-2-deoxy- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN D-Glucose, 2-acetamido-2-deoxy- (8CI)
 OTHER NAMES:
 CN 2-Acetamido-2-deoxy-D-glucose
 CN 2-Acetamido-2-deoxyglucose
 CN 2-Acetamido-D-glucose
 CN 2-Acetylamino-2-deoxy-D-glucose
 CN **Acetylglucosamine**
 CN D-N-Acetylglucosamine
 CN Marine Sweet
 CN N-Acetyl-2-amino-2-deoxy-D-glucose
 CN N-Acetyl-2-amino-2-deoxyglucose
 CN N-Acetyl-D-glucosamine
 CN N-Acetylglucosamine
 CN NSC 524344
 FS STEREOSEARCH
 DR 7132-76-5, 134-61-2, 173382-53-1, 98632-70-3
 MF C8 H15 N O6
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, BIOTECHNO,
 CA, CABA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CIN, CSCHEM,
 EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS,
 NAPRALERT, PIRA, PROMT, RTECS*, SPECINFO, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.

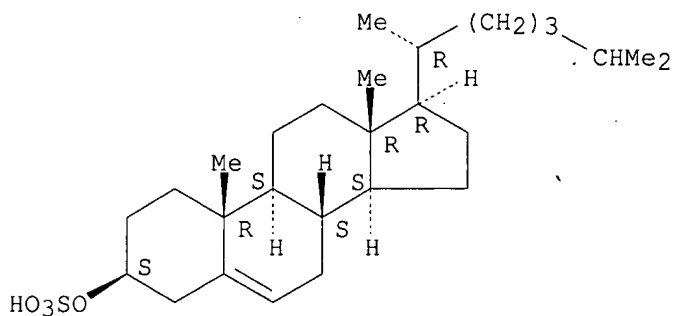


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

6374 REFERENCES IN FILE CA (1907 TO DATE)
 479 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 6394 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L12 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 6614-96-6 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Cholest-5-en-3-ol (3 β)-, hydrogen sulfate, potassium salt (9CI) (CA
 INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Cholesterol, hydrogen sulfate, potassium salt (8CI)
 CN Cholesteryl potassium sulfate (6CI, 7CI)
 OTHER NAMES:
 CN Cholesterol 3-O-(hydrogen sulfate) potassium salt
 CN **Cholesterol sulfate potassium salt**
 CN Cholesteryl sulfate potassium salt
 CN Potassium cholesterol sulfate
 FS STEREOSEARCH
 DR 127579-90-2
 MF C27 H46 O4 S . K
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CHEMCATS, CSCHEM, TOXCENTER,
 USPATFULL
 (*File contains numerically searchable property data)
 CRN (1256-86-6)

Absolute stereochemistry.



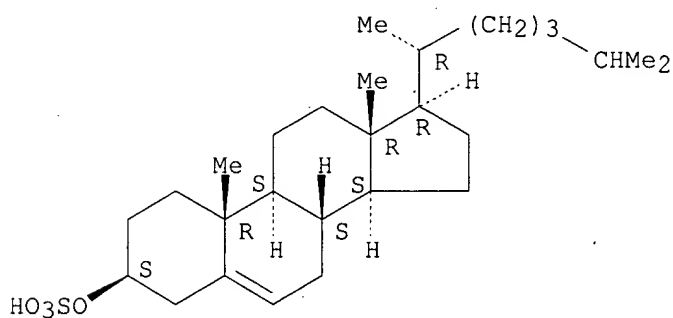
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

20 REFERENCES IN FILE CA (1907 TO DATE)
 20 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 1256-86-6 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Cholest-5-en-3-ol (3 β)-, hydrogen sulfate (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Cholesterol, hydrogen sulfate (7CI, 8CI)
 OTHER NAMES:
 CN 5-Cholesten-3 β -yl sulfate
 CN Cholest-5-en-3 β -ol sulfate
 CN Cholesterol 3-sulfate
 CN **Cholesterol sulfate**
 CN Cholesteryl sulfate
 FS STEREOSEARCH
 DR 1491-95-8, 127565-97-3
 MF C27 H46 O4 S
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CIN, CSCHEM, DDFU, DRUGU, EMBASE, IPA, MEDLINE, NAPRALERT, PROMT, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

646 REFERENCES IN FILE CA (1907 TO DATE)
 46 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 649 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 13 REFERENCES IN FILE CAOLD (PRIOR TO 1967)